



5899-13.txt

PTO/PCT Rec'd 07 JAN 2002

#74

SEQUENZPROTOKOLL

<110> Forschungszentrum Juelich GmbH

<120> Valinherstellung

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<141> 2000-02-21

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<151> 1999-02-22

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<170> PatentIn Ver. 2.1

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<213> Corynebacterium glutamicum

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 Ala Pro Thr Asp Leu Ile Thr Ala Ile Ser Ala Ser Ala Ser Asp Ala
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Arg Glu Ala Lys Val Asn Gly Gln Lys Val Ser Val Leu Thr Ser Tyr

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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
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| Leu | Val | Gly | Asp | Ser | Ala | Ala | Asn | Val | Val | Leu | Gly | Arg | Asp | Thr | Thr |
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| Leu | Ser | Ile | Thr | Leu | Asp | Glu | Met | Ile | Val | Leu | Ala | Lys | Ala | Val | Thr |
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| Ile | Ala | Thr | Lys | Arg | Ala | Leu | Val | Val | Val | Asp | Leu | Pro | Phe | Gly | Thr |
| | | | | 85 | | | | | 90 | | | | | 95 | |
| Tyr | Glu | Val | Ser | Pro | Asn | Gln | Ala | Val | Glu | Ser | Ala | Ile | Arg | Val | Met |
| | | | 100 | | | | | 105 | | | | | 110 | | |
| Arg | Glu | Thr | Gly | Ala | Ala | Ala | Val | Lys | Ile | Glu | Gly | Gly | Val | Glu | Ile |
| | | 115 | | | | | 120 | | | | | 125 | | | |
| Ala | Gln | Thr | Ile | Arg | Arg | Ile | Val | Asp | Ala | Gly | Ile | Pro | Val | Val | Gly |
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| His | Ile | Gly | Tyr | Thr | Pro | Gln | Ser | Glu | His | Ser | Leu | Gly | Gly | His | Val |
| | 145 | | | | | 150 | | | | | 155 | | | | 160 |
| Val | Gln | Gly | Arg | Gly | Ala | Ser | Ser | Gly | Lys | Leu | Ile | Ala | Asp | Ala | Arg |
| | | | | 165 | | | | | 170 | | | | | 175 | |
| Ala | Leu | Glu | Gln | Ala | Gly | Ala | Phe | Ala | Val | Val | Leu | Glu | Met | Val | Pro |
| | | | 180 | | | | | 185 | | | | | 190 | | |
| Ala | Glu | Ala | Ala | Arg | Glu | Val | Thr | Glu | Asp | Leu | Ser | Ile | Thr | Thr | Ile |
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| Gly | Ile | Gly | Ala | Gly | Asn | Gly | Thr | Asp | Gly | Gln | Val | Leu | Val | Trp | Gln |
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| Asp | Ala | Phe | Gly | Leu | Asn | Arg | Gly | Lys | Lys | Pro | Arg | Phe | Val | Arg | Glu |
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| Tyr | Ala | Thr | Leu | Gly | Asp | Ser | Leu | His | Asp | Ala | Ala | Gln | Ala | Tyr | Ile |
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Arg Gly Ala Asp Gly Leu Ala Glu Ser Ser Arg Asn Gln Arg Leu Ser
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Arg Asp Thr Leu Ala Ser Ala Asp Gly Val Arg Leu Asp His Leu Glu
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Thr Gln Pro Ala Leu Val Val Gly Ala Ile Phe Val Gly Pro Val Arg
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